

S1 Table. Beta-caryophyllene standard (W225207, Sigma-Aldrich)**composition/GC-MS**

| No. in S4 Fig. | Rt (min) | Peak area x 10 ⁶ | Compound | % |
|-------------------|-------------|-----------------------------|-------------------------|-------|
| 1 | 25.11 | 0.831 | Cubebene | 0.1 |
| 2 | 25.75 | 1.379 | a sesquiterpene, MW 204 | 0.2 |
| 3 | 26.31 | 5.299 | Copaene | 0.8 |
| 4 | 27.52 | 3.308 | a sesquiterpene, MW 204 | 0.5 |
| 5 | 27.95 | 1.198 | a sesquiterpene, MW 204 | 0.2 |
| 6 | 28.21 | 546.676 | β -caryophyllene | 81.8 |
| 7 | 28.49 | 1.704 | a sesquiterpene, MW 204 | 0.3 |
| 8 | 28.59 | 0.4799 | a sesquiterpene, MW 204 | 0.1 |
| 9 | 29.38 | 2.659 | neoclovene | 0.4 |
| 10 | 29.63 | 93.877 | α -caryophyllene | 14.0 |
| 11 | 20.33 | 0.681 | 9-epi(E)-caryophyllene | 0.1 |
| 12 | 34.63 | 10.416 | caryophyllene oxide | 1.6 |
| | SUM | 668.508 | | 100.0 |